

10/576282
APR 2006

Docket No.: 13111-00038-US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Rainer Papp et al.

Application No.: TBA
(Based on PCT/EP2004/011986)

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: **STABILIZATION OF
HYDROFORMYLATION CATALYSTS
BASED ON PHOSPHORAMIDE LIGANDS**

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A copy of only those references listed below is attached:

| For. Doc No. | Ctry | Patentee/Applicant | Publication Date |
|--------------|------|--------------------------------|------------------|
| 97/20796 | WO | Union Carbide Chemicals et al. | June 12, 1997 |
| 97/20800 | WO | Union Carbide Chemicals et al. | June 12, 1997 |
| 97/20799 | WO | Union Carbide Chemicals et al. | June 12, 1997 |
| 97/20798 | WO | Union Carbide Chemicals et al. | June 12, 1997 |
| 97/20797 | WO | Union Carbide Chemicals et al. | June 12, 1997 |

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| 97/20795 | WO | Union Carbide Chemicals et al. | June 12, 1997 |
| 97/20794 | WO | Union Carbide Chemicals et al. | June 12, 1997 |
| 02/083695 | WO | BASF Aktiengesellschaft | October 24, 2002 |
| 03/018192 | WO | BASF Aktiengesellschaft | March 6, 2003 |
| 102,06,697 | DE | Mackewitz | August 29, 2002 |
| 0,149,894 | EP | Dennis et al. | March 1, 1989 |
| 0,155,508 | EP | Union Carbide Corporation | December 9, 1992 |
| 0,276,231 | EP | Union Carbide Corporation | October 16, 1991 |
| 0,214,622 | EP | Union Carbide Corporation | May 13, 1992 |

Other Documents

| |
|---|
| Anna M. Trzeciak et al., "Novel rhodium complexes with <i>N</i> -pyrrolylphosphines: attractive precursors of hydroformylation catalysts", J. Chem. Soc., Dalton Trans., 1997, pages 1831-1837. |
| International Search Report No. PCT/EP2004/011986, dated December 22, 2004, 8 pages. |

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

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100-1576282 19 APR 2006

Application No.: TBA (Based on PCT/EP2004/011986)

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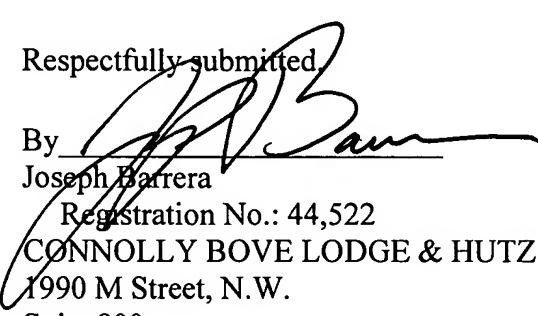
The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 13111-00038-US1. A duplicate copy of this paper is enclosed.

Dated:

4-18-06

Respectfully submitted,

By


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10/576282

19 APR 2006

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|---------------------------------|---|----|---|--------------------------|----------------------------------|
| Substitute for form 1449A/B/PTO | | | | Complete if Known | |
| | | | | Application Number | TBA (Based on PCT/EP2004/011986) |
| | | | | Filing Date | Concurrently Herewith |
| | | | | First Named Inventor | Rainer Papp et al. |
| | | | | Art Unit | N/A |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 2 | Attorney Docket Number | 13111-00038-US1 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| AA* | US-4,567,306 | 01/1986 | Dennis et al. | | |
| AB* | US-4,599,206 | 07/1986 | Billig et al. | | |
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| AQ* | US-5,789,625 | 08/1998 | Bryant et al. | | |
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| FOREIGN PATENT DOCUMENTS | | | | | |
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| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | |
| BA | WO-97/20796 | | 06-12-1997 | Union Carbide Chemicals et al. | |
| BB | WO-97/20800 | | 06-12-1997 | Union Carbide Chemicals et al. | |
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| BD | WO-97/20798 | | 06-12-1997 | Union Carbide Chemicals et al. | |
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| BJ | DE-102,06,697 | | 08-29-2002 | Mackewitz | |
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| BL | EP-0,155,508 | | 12-09-1992 | Union Carbide Corporation | |
| BM | EP-0,276,231 | | 10-16-1991 | Union Carbide Corporation | |
| BN | EP-0,214,622 | | 05-13-1992 | Union Carbide Corporation | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| Examiner Signature | Date Considered |
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| | | | | First Named Inventor | Rainer Papp et al. |
| | | | | Art Unit | N/A |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 2 | of | 2 | Attorney Docket Number | 13111-00038-US1 |

| NON PATENT LITERATURE DOCUMENTS | | | | |
|---------------------------------|-----------------------|---|--|--|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | |
| | CA | Anna M. Trzeciak et al., "Novel rhodium complexes with N-pyrrolylphosphines: attractive precursors of hydroformylation catalysts", J. Chem. Soc., Dalton Trans., 1997, pages 1831-1837. | | |
| | CB | International Search Report No. PCT/EP2004/011986, dated December 22, 2004, 8 pages. | | |

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